

SPOT REQUEST PAGE INSTRUCTIONS

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National Weather Service, San Diego

SPOT HOME PAGE – WEATHER.GOV/SPOT

**National Weather Service**
Spot Forecast Request

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Spot Forecast Request
NOTICE - This interface is intended to be used solely for the relay of forecast information to the National Weather Service. Submissions sent through this online form are intended for internal agency use. We are required (by e-Gov Act of 2002) to explicitly state that submission of any information is voluntary. For further information please read our [Privacy Policy](#) and [Disclaimer](#). False statements on this form may be subject to prosecution under the False Statement Accountability Act of 1996 (18 U.S.C. § 1001) or other statutes.

Incident and Decision Support Forecast Request

This site is the National Weather Service interface to requesting, filling, and monitoring spot forecasts issued by our Forecast Offices and National Centers.

Click here to provide 'Spot Webpage Testing Feedback'

**Submit
Spot
Request**

Interactive Request:
Request a spot forecast using an interactive map, with or without a Lat/Lon of the incident.

**Monitor
Spot
Forecasts**

Monitor:
Use this to monitor existing spot requests and forecasts.

Please take the online survey to let us know what you think of this interface.
Download the [Product Description Document \(PDD\)](#)

Click here to either submit a new request or go to the page with existing requests to modify your request or retrieve your forecast



FIRST PAGE OF REQUEST

Step 1: Establish incident location using A or B below.

A. Set request location using nearest street address.

Note 1: Valid entries are street address, zip code, city, state, or latitude & longitude.

Note 2: Latitude & Longitude will return the nearest street address. For exact latitude and longitude points use Step B entry below.

Note 3: City, State, and Zip Code will return a geographic centers.

Enter Location

PLOT ADDRESS

- OR -

B. Set request location using latitude & longitude, USNG, or drag the map pointer to spot location below.

Note 1: If the map below does not appear you may enter your decimal Lat/Lon below.

Note 2: To start over click the Reload button on your Web Browser.

Note 3: Latitude, Longitude information should be entered in WGS84/NAD83 coordinates in order to ensure accurate forecast locations.

Decimal Degree Latitude, Longitude

West Longitudes Are Negative

Example: 25.6319, -80.2025

34.1363, -116.8916

PLOT

United States National Grid (USNG)

Valid for points between 84N and 80S Latitude

Require 13 character grid - 10 meter precision

Example: 18SUJ23480647

11S NT 0999 7727

PLOT

Degree, Minute, Seconds

Can accept decimal minutes as an input

Example: 25 deg 19 min 23 sec W

34 deg 8 min 11 sec N
116 deg 53 min 30 sec W

PLOT

Elevation

Latitude & Longitude value used to determine elevation.

If elevation data is in error, changes can be made on the second page of this spot request.

9100 FT



3 options to select a location:

- Enter a street address
- Enter lat/lon or USNG
- Move the marker on the map (click/hold and drag the marker to desired location). This will populate the lat/lon and USNG fields.

FIRST PAGE OF REQUEST

Step 2: Select the incident type for the request.

Set Incident Type

Fire

☒ Wildfire ☐ Prescribed Fire

Hazardous Materials

☐ HAZMAT Land ☐ HAZMAT Inland Waterway

Search and Rescue

☐ SAR Land ☐ SAR Water

☐ Marine

☐ Other (Volcano, Earthquake, Special Event)

Select Incident Type

Step 3: Proceed to detailed incident request form.

After setting your location and incident type above, click on the
'Generate A Spot Request'
button below to proceed to the SPOT request form.

Generate A Spot Request

Click the "Generate A Spot Request" button to move onto the next page of options

SECOND PAGE OF REQUEST

Spot Forecast Incident Type: Wildfire

Spot Request Contact Information

(*) PROJECT NAME:

For NWS Spot forecast policy,
see section 4.0 in NWS Instruction 10-401 at:
<http://www.nws.noaa.gov/directives/010/010.htm>

(*) Requesting Agency:

(*) Requesting Official:

(*) E-mail address:

(*) Phone number:

Phone Extension:

Contact Person:

FAX number:

Fill in the fields with the appropriate information

Location

(WGS84 / NAD83 preferred)

(*) Latitude: 34.1363

7.5' Quad:

(*) Longitude: -116.8916

TOP

BOTTOM

Elevation: 9100 Feet

(Elevation preferred in feet)

Fire Weather Supplemental Information

Drainage:

Size:

(In Acres)

Aspect:

Fuel Type:

Sheltering

☐ Full

☐ Partial

☐ Unsheltered

SECOND PAGE OF REQUEST

Select what day/time
you want your **forecast**
completed

Select what day/time
you want your **forecast**
to begin

Forecast Information

DELIVER FORECAST

Date : 10/28/2015

Time : As Soon As Possible

FORECAST STARTING

Date : 10/28/2015

Time : 06:00

TIMEZONE

(Local Time)

PACIFIC

Narrative

FORECAST FORMAT

1 Hr

1 Hr

1 Hr

Tabular Time
Table Interval

Today

Tonight

Thursday

Select
All
Periods



Sky/Weather

Max/Min Temperature

Max/Min Humidity

Wind (20 FT)

Chance of Wetting
Rain

Lightning Activity
Level

Wind (Eye Level)

Ridge Top Winds

Mixing Height

Mixing Winds



NOAA Hysplit Model

Would you like to include a run of the Hysplit Model with this request? If so please verify your email address above as this will be used to send you the hysplit model run.

☐ YES
☒ NO

Remarks

Then, choose...

- Forecast elements
- If you'd like a Hysplit run (useful for smoke and HAZMAT situations)
- Any remarks/special instructions (faxes required, etc)

SECOND PAGE OF REQUEST

Forecast Information

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☐ YES

☒ NO

Remarks

TIP: checking the top box under the forecast period will select all forecast elements for that time period. Checking the box to the right of a forecast element will select all periods for that element

Forecast Format:

Narrative (default)

Tabular (1, 2, or 3 hourly forecast only – not recommended)

Combined (narrative + tabular)

Tabular and Combined allows you to select 1, 2, or 3 hourly forecast increments for the first three periods (today, tonight, tomorrow) and 3 hourly for the 4th period (tomorrow night). The 4th period will only show up for forecasts beginning prior to 6 AM. *If you only want the hourly forecast for certain periods (for example: today only or today and tonight only) please specify in the remarks!!*

SECOND PAGE OF REQUEST

Observations

(+) When submitting an observation, the yellow fields are required in addition to at least one weather element.

WX OB 1	WX OB 2	WX OB 3	WX OB 4	WX OB 5
<input type="checkbox"/> Remove Ob	<input type="checkbox"/> Remove Ob	<input type="checkbox"/> Remove Ob	<input type="checkbox"/> Remove Ob	<input type="checkbox"/> Remove Ob
(+)Site: <input type="text"/>	(+)Site: <input type="text"/>	(+)Site: <input type="text"/>	(+)Site: <input type="text"/>	(+)Site: <input type="text"/>
(+)Date: <input type="text"/>	(+)Date: <input type="text"/>	(+)Date: <input type="text"/>	(+)Date: <input type="text"/>	(+)Date: <input type="text"/>
(+)Time: <input type="text"/> (Local)	(+)Time: <input type="text"/> (Local)	(+)Time: <input type="text"/> (Local)	(+)Time: <input type="text"/> (Local)	(+)Time: <input type="text"/> (Local)
(+)Elev: <input type="text"/>	(+)Elev: <input type="text"/>	(+)Elev: <input type="text"/>	(+)Elev: <input type="text"/>	(+)Elev: <input type="text"/>
Wind Dir: <input type="text"/>	Wind Dir: <input type="text"/>	Wind Dir: <input type="text"/>	Wind Dir: <input type="text"/>	Wind Dir: <input type="text"/>
Wind Spd: <input type="text"/>	Wind Spd: <input type="text"/>	Wind Spd: <input type="text"/>	Wind Spd: <input type="text"/>	Wind Spd: <input type="text"/>
Temp: <input type="text"/>	Temp: <input type="text"/>	Temp: <input type="text"/>	Temp: <input type="text"/>	Temp: <input type="text"/>
WB: <input type="text"/>	WB: <input type="text"/>	WB: <input type="text"/>	WB: <input type="text"/>	WB: <input type="text"/>
RH: <input type="text"/>	RH: <input type="text"/>	RH: <input type="text"/>	RH: <input type="text"/>	RH: <input type="text"/>
Td: <input type="text"/>	Td: <input type="text"/>	Td: <input type="text"/>	Td: <input type="text"/>	Td: <input type="text"/>
Sky: <input type="text"/>	Sky: <input type="text"/>	Sky: <input type="text"/>	Sky: <input type="text"/>	Sky: <input type="text"/>
Wc: <input type="text"/>	Wc: <input type="text"/>	Wc: <input type="text"/>	Wc: <input type="text"/>	Wc: <input type="text"/>
Rmks: <input type="text"/>	Rmks: <input type="text"/>	Rmks: <input type="text"/>	Rmks: <input type="text"/>	Rmks: <input type="text"/>

Submit Spot Request

Clicking the button below will create a one time spot request.

This request will be processed and a forecast will be generated by the servicing forecast office at the time they receive the spot request.

At any time until the expiration of this forecast, another immediate spot request may be generated off of the original request. Additionally, the immediate spot request can be converted into a scheduled request by contacting your servicing forecast office .

Fill in any nearby obs if available
(this is very helpful for
forecasters!) and hit submit!

BACK TO THE SPOT HOME PAGE

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[Home](#) [NWS Home](#) [News](#) [Organization](#)

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Monitor Spot Forecasts

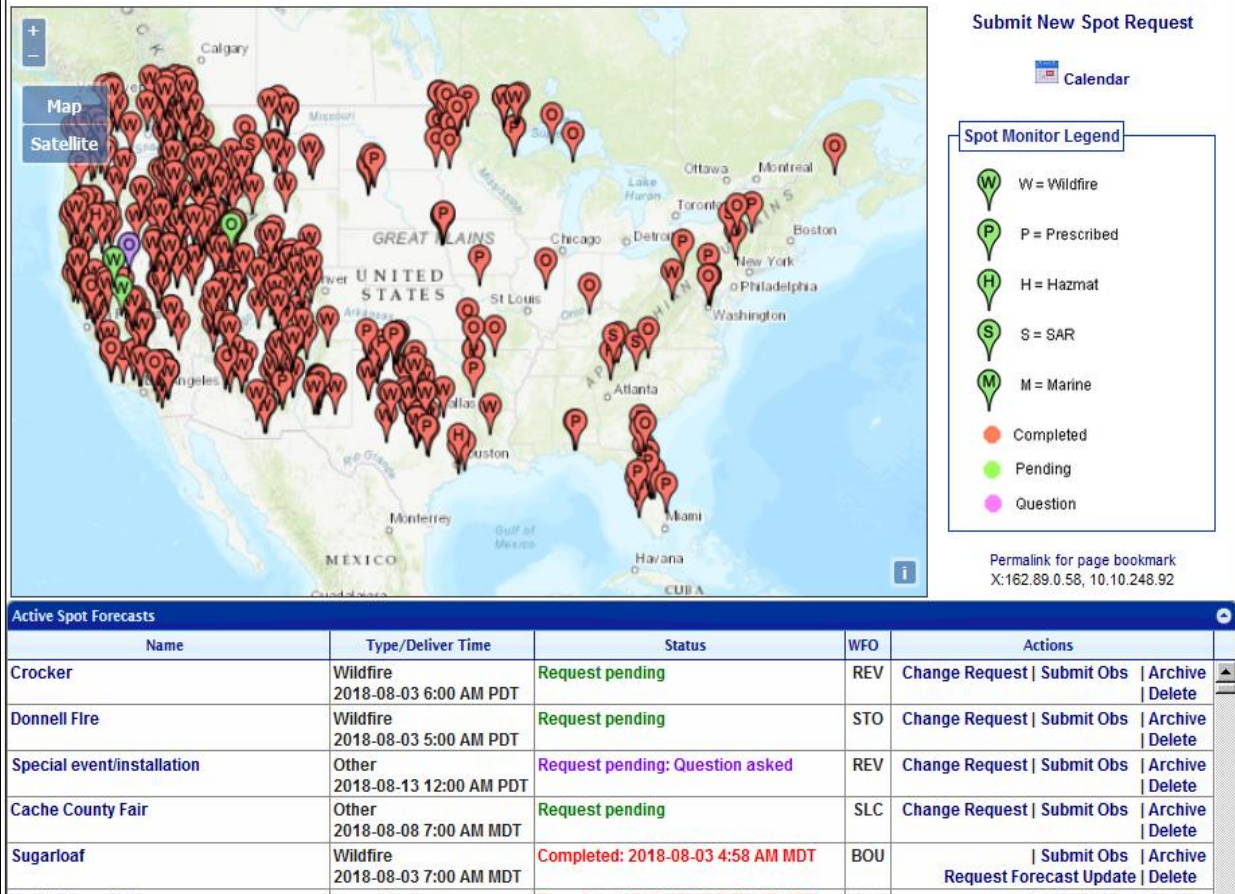
Monitor:
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Lets look at the spot monitor page now!

SPOT MONITOR

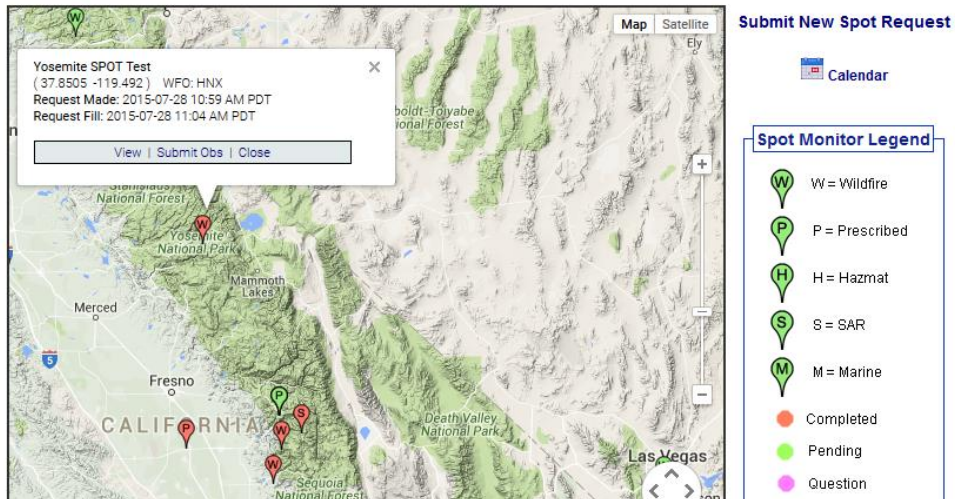
NWS Spot Forecast Monitor



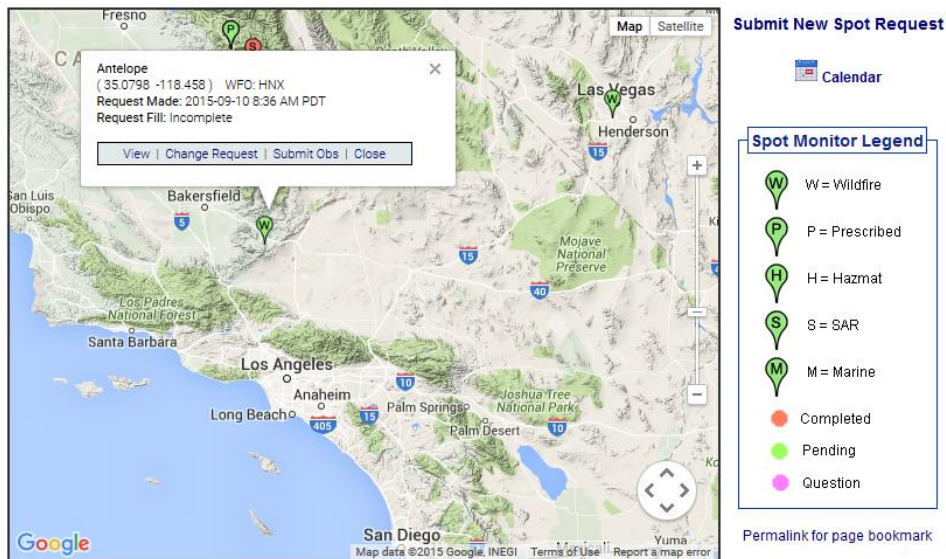
Defaults to a national map.
Zoom in to Southern CA to find
your request or select from the
list below.

SPOT MONITOR

NWS Spot Forecast Monitor



NWS Spot Forecast Monitor



Clicking on a map marker will open an info window where you can view the request/forecast, change the request (if spot is pending), and submit obs

These options are also available in the table below the map

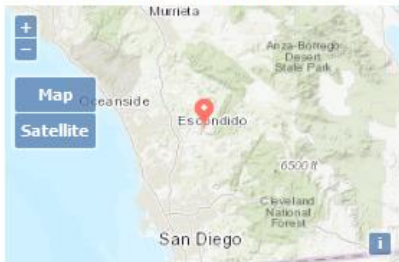
COMPLETED FORECAST

PASQUAL

Wildfire

Forecast Start Time: 2018-07-31 7:00 AM PDT
Request Time: 2018-07-29 1:25 PM PDT
Deliver Time: 2018-07-30 7:00 AM PDT
Forecast Complete At: 2018-07-29 7:51 PM PDT

Requested By: CAL FIRE
Contact: Dena Chavez
Phone: 619-405-7004
Fax:



Location Legal:
Lat/Lon: 33.0906 / -116.949
Quad:
Calculated: 33.0906 / -116.949

Elevation: 433
Drainage:
Aspect:
Size: 365
Fuel Type: Brush and grass

Observations

Site	Date	Elev	Wind	Temp	WB	RH	Td	Sky	Wx	Rmks
------	------	------	------	------	----	----	----	-----	----	------

No observations available

[Submit New Observation](#)

Requested Parameters

Remarks

- X X Sky/Weather
- X X Temperature
- X X Humidity
- . . Chance of Wetting Rain
- . . Lightning Activity Level
- X X Wind (20 FT)
- X X Wind (Eye Level)
- X X Ridge Top Winds
- . . Smoke Dispersal

Forecast:

Spot Forecast for PASQUAL...CAL FIRE
National Weather Service SAN DIEGO CA
750 PM PDT Sun Jul 29 2018

Forecast is based on forecast start time of 0700 PDT on July 31.
If conditions become unrepresentative...contact the National Weather Service.

.DISCUSSION...

Light winds during the late nights and mornings, then increasing in the afternoons and early evenings, with gusty west winds possible at times in the afternoons and early evenings with gusts of 20 to 30 mph possible. Humidities will be more moderate than the last several days due to an influx of monsoonal moisture from the SE although there will still be a slight chance for showers and thunderstorms during each afternoon and evening through mid week.

Forecast page example

THE END!

For any questions about how to use the spot forecast page or its content, please contact
jimmy.taeger@noaa.gov

To speak with a forecaster 24/7, call (858) 675-8705 (restricted)